

PROTECTIVE ELECTRODES FOR ELECTROPHORETIC DISPLAYS

Abstract of the Disclosure

An electrophoretic display having a protective electrode that reduces the
5 degradation of the display caused by mechanical or electrochemical action. The
electrode can include a protective layer that reduces the mechanical or electrochemical
damage to a transparent conductive electrode. The protective electrode can be a vapor
permeable electrode that is a reticulated electrically conductive structure, such as a metal
screen or wire mesh, or a reticulated structure coated or impregnated with a conductive
10 material. The protective electrode can include a layer that protects the display media
from physical abrasion or removal by mechanical action, while allowing the application
of an electric field to cause the display to be addressed.

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